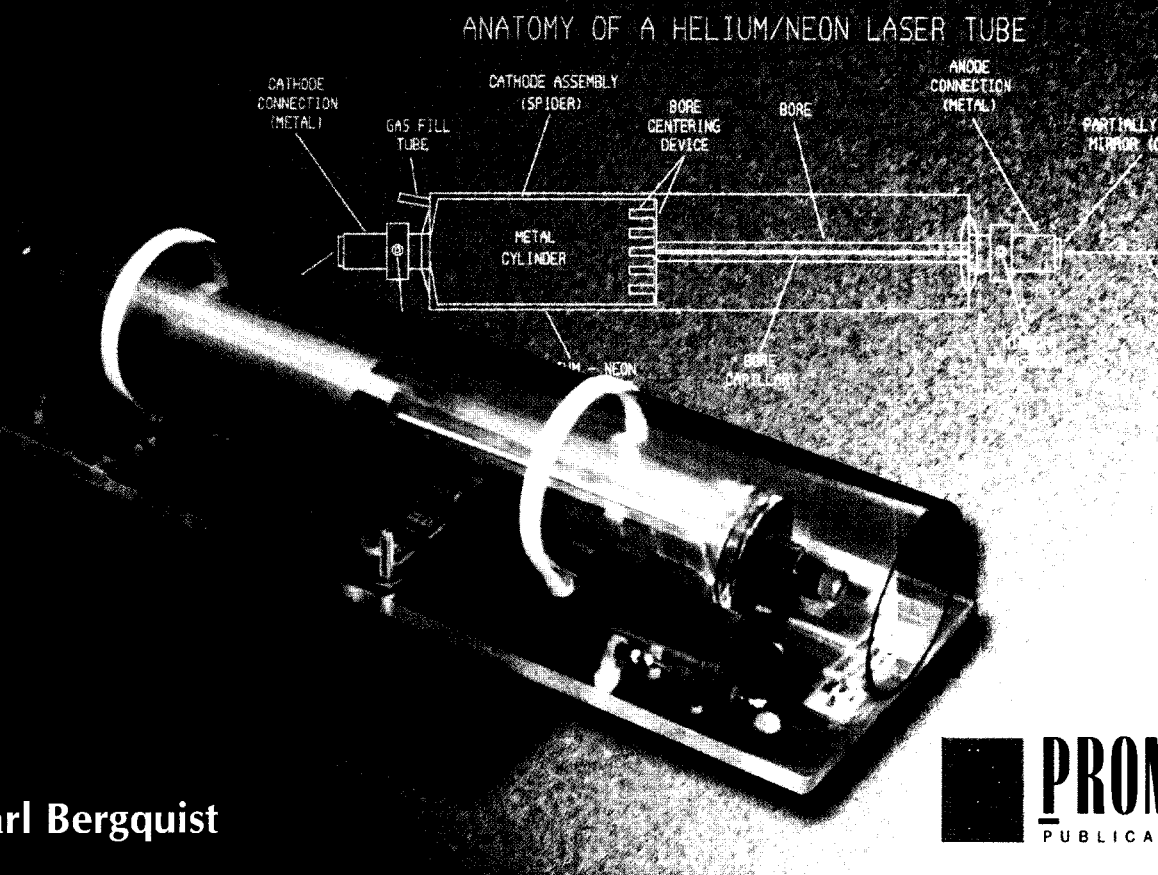
LASER DESIGN

TOOLKIT

Laser Fundamentals, Experiments and Projects



arl Bergquist

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Howard W. Sams

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lasers meant second-mortgaging the house, but today that is no longer the case! The cost involved in constructing home lasers is now no worse than many other areas of electronics.

There is so much to lasers that it's hard not to like them once you get to know them. The thrill associated with watching that "red spot" on the wall, projected from a helium-neon laser you built with your own hands, is hard to describe. And YOU can experience that thrill!

The *Laser Design Toolkit* will introduce you to this fascinating field, including history, fundamentals and safety, beam modulation and 2-way communication. It will also help you complete exciting projects, like building your first HeNe laser and power supply, working with optics, constructing a laser light show, processing holograms, building a laser light meter and laser based alarm systems, working with laser diodes, and more!

About the Author

Following a successful career as a photojournalist for *AP, UPI, New York Times, Newsweek*, and other publications, Carl J. Bergquist turned his efforts toward writing about his lifelong hobby of electronics. Besides articles in *Popular Electronics, Electronics Now*, and other periodicals, Carl has authored *Build Your Own Test Equipment, The Video Hacker's Handbook, IC Projects*, and *Telephone Projects for Electronics Experimenters*, all from Prompt Publications.

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